

Service Manual

Cassette Tape Deck RS-671US

High Fidelity Cassette Tape Deck with Front Loading &
Controls, Dolby* Noise Reduction, HPF Head



RS-676US MECHANISM SERIES

Specifications (Catalog specifications for sales)

Power requirement:	AC; 120V, 50/60Hz	Signal to noise ratio:	Dolby NR out; 52dB (signal level=250pwb/mm)
Motor:	Power consumption; 20W 2-motor system 1-electronic speed control motor for capstan drive 1-DC motor for reel table drive	Input:	Dolby NR in; 60dB at 5kHz MIC; sensitivity 0.3mV/applicable microphone impedance 600Ω~20KΩ
Track system:	4-track 2-channel stereo recording and playback	Output:	LINE; sensitivity 60mV/68KΩ LINE; output level 0.42V (at 0 VU)/ load impedance 50KΩ over
Recording system:	AC bias (85kHz), AC erase	HEADPHONE; output level 65mV (at 0 VU)/8Ω	
Tape speed:	1-7/8ips.	Head:	1-HPF head for record/playback 1-Ferrite head for erase
Program time:	1 hour stereo recording with C-60 cassette tape	Rewind time:	Approx. 90 seconds with C-60 cassette tape
Wow and flutter:	0.075% (WRMS), ±0.15% (DIN)	Dimensions:	16-3/8"(W)×5-1/2"(H)×13"(D)
Frequency response:	CrO ₂ tape; 30~17,000Hz Normal tape; 30~15,000Hz	Weight:	20-5/8lbs.

The above specifications show the numerical value measured with our standard tape conforming to the IEC standard. Specifications are subject to change without notice for further improvement.

Technics
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LOCATION OF CONTROLS AND COMPONENTS

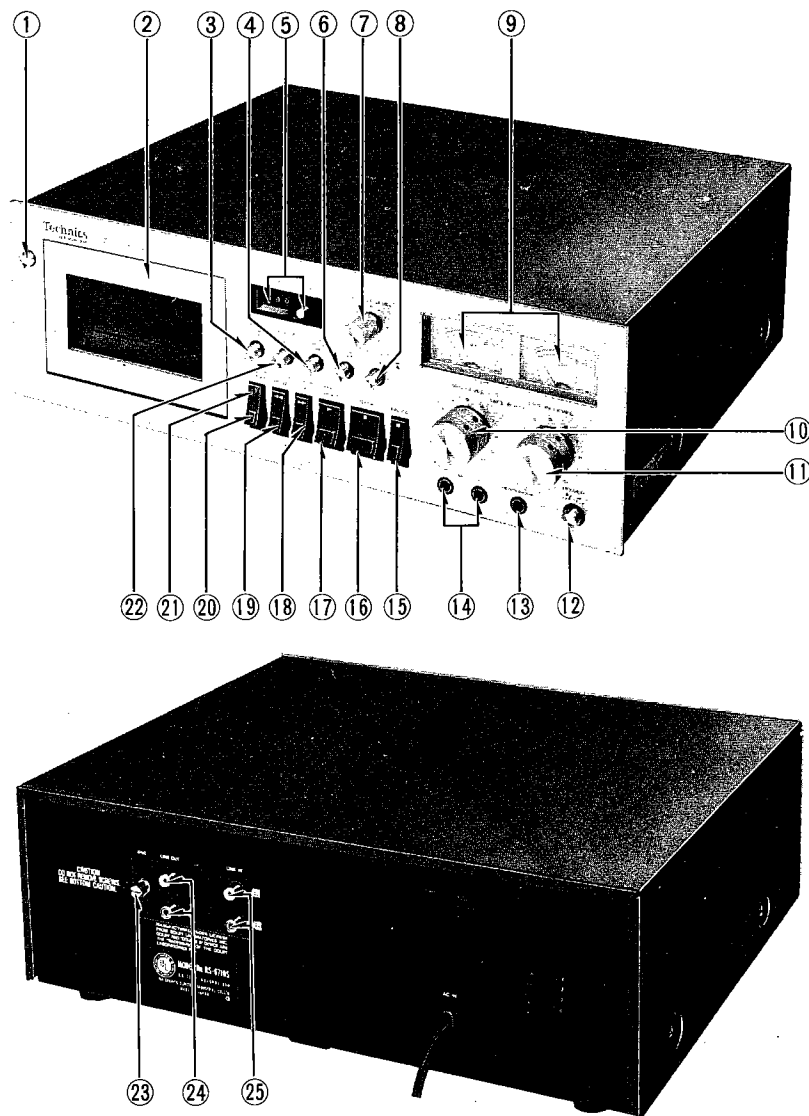
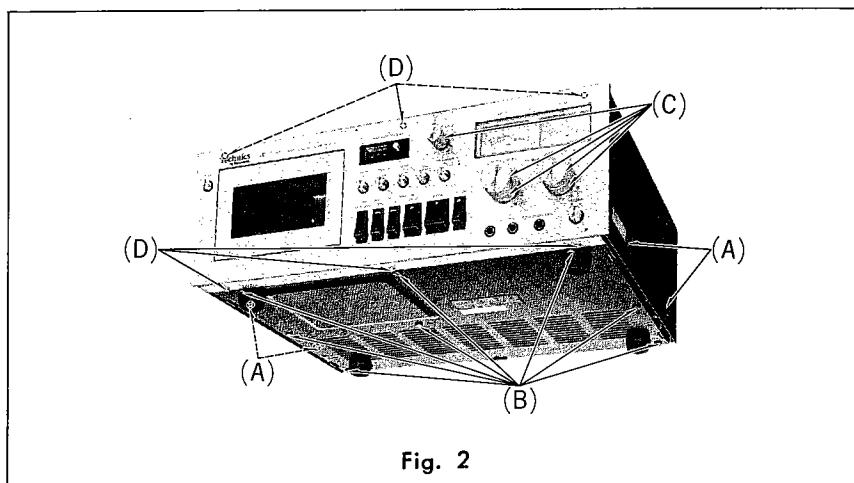


Fig. 1

- | | |
|---------------------------------|--------------------------------|
| ① Ejection button | ⑭ Microphone jacks |
| ② Cassette cover | ⑮ Pause button |
| ③ Memory-rewind switch | ⑯ Stop button |
| ④ Bias selector | ⑰ Playback button |
| ⑤ Tape counter and reset button | ⑱ Fast forward button |
| ⑥ Equalization selector | ⑲ Rewind button |
| ⑦ Output level control | ⑳ Record button |
| ⑧ Peak-signal check button | ㉑ Recording indication lamp |
| ⑨ VU meters | ㉒ Dolby noise-reduction switch |
| ⑩ Microphone level control | ㉓ Ground terminal |
| ⑪ Line input level control | ㉔ Line output jacks |
| ⑫ Power switch | ㉕ Line input jacks |
| ⑬ Headphones jack | |

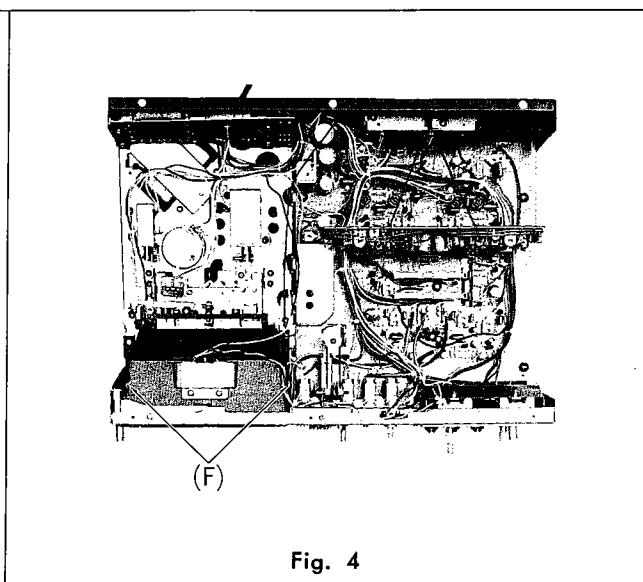
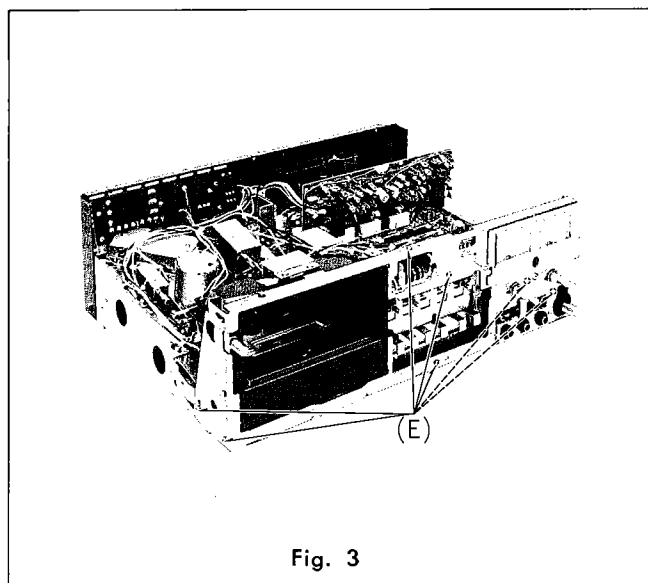
DISASSEMBLY INSTRUCTIONS

HOW TO REMOVE CASE COVER, BOTTOM PANEL AND FRONT PANEL



Procedure	How to remove—	Remove—	Pcs.	Remarks
1	Case cover	(A)	(4)	A : Black screws
2	Bottom panel	(B)	(8)	B : Red screws
3	Front panel	(C), (D)	(5), (6)	

HOW TO REMOVE FRONT ANGLE AND CASSETTE COVER



Procedure	How to remove—	Remove—	Pcs.	Remarks
1	Front angle	(E)	(7)	E : Red screws
2	Cassette cover	(F)	(2)	

HOW TO REMOVE JACK BASE PLATE AND PRINTED CIRCUIT BOARD (AMP & CONTROL)

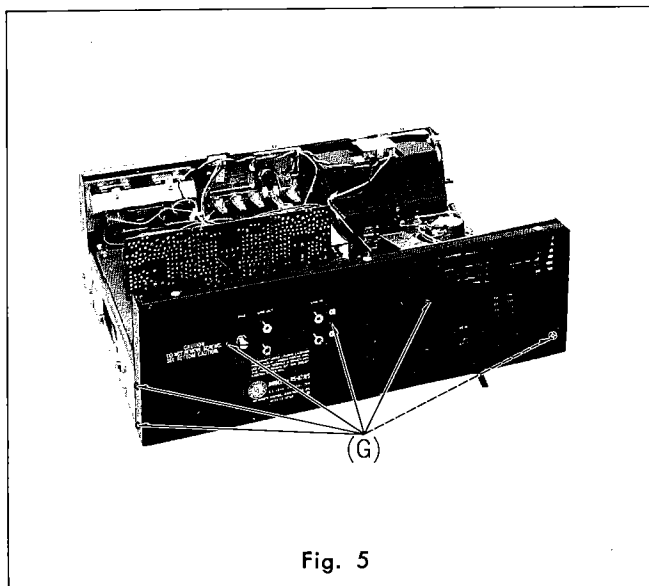


Fig. 5

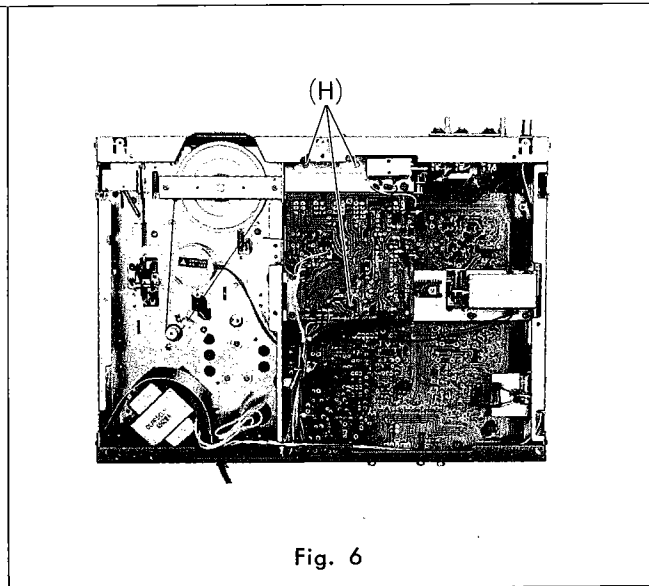


Fig. 6

Procedure	How to remove—	Remove—	Pcs.	Remarks
1	Jack base plate	(G)	(6)	G: Black screw
2	Printed circuit board (CONTROL)	(H)	(3)	

HOW TO REMOVE HEAD COVER

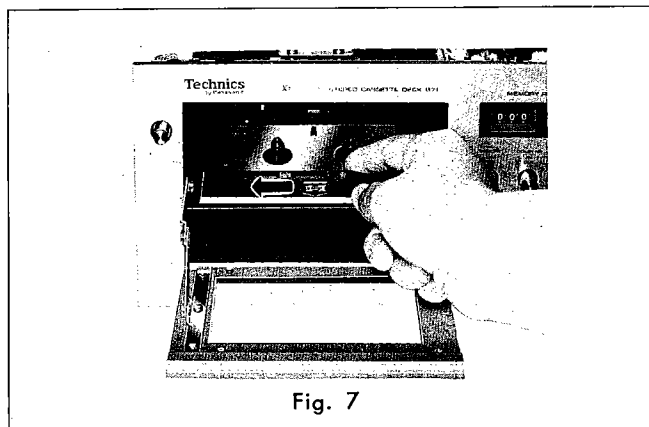


Fig. 7

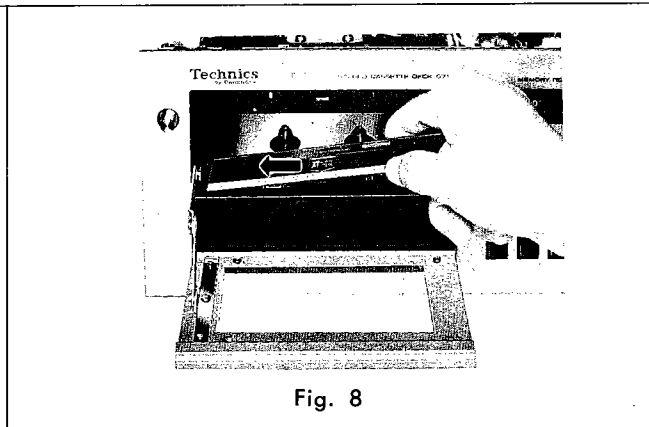


Fig. 8

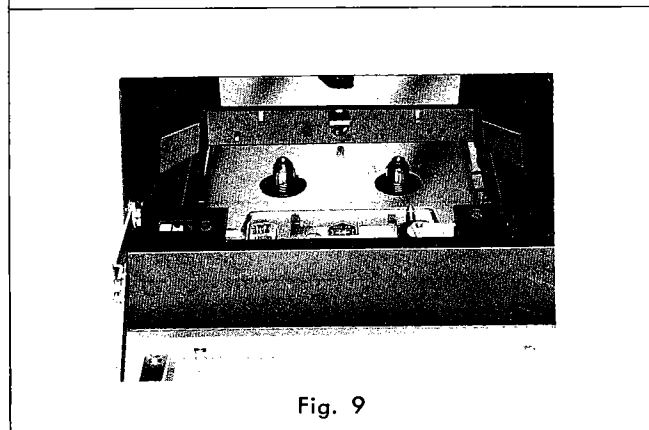


Fig. 9

1. Pushing the head cover as shown in fig. 7, and lift it up as shown in fig. 8.
2. Then head cover can be removed.

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